

10/559856

IAP9 Rec'd PCT/PTO 07 DEC 2005

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of MARIONI

Application No.

Examiner:

Filed: Herewith

Group Art Unit:

For: METHOD FOR DETECTING UNBALANCED CONDITIONS OF A ROTATING LOAD DRIVEN BY A SYNCHRONOUS MOTOR AND FOR CONTROLLING SAID MOTOR

**SUBMISSION OF COPY OF ANNEXES TO INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please find attached a copy of the Annex to the International Preliminary Report on Patentability.

Respectfully submitted,



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Docket No. 7202-99

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/006279

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 D06F33/02 D06F37/20 D06F37/30

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 D06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 677 606 A (OTAKE KEIZO) 14 October 1997 (1997-10-14) cited in the application column 1, line 42 – column 2, line 26 figures 1-17	1-15
Y	US 2002/035757 A1 (CIANCIMINO ROSARIO ET AL) 28 March 2002 (2002-03-28) paragraphs '0006! – '0011! paragraphs '0024! – '0026! figure 3	1-15
Y	US 6 341 507 B1 (HORSTMANN FRANK ET AL) 29 January 2002 (2002-01-29) cited in the application column 2, line 46 – column 3, line 25 column 5, line 13 – line 17 column 6, line 3 – line 9	1-15
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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the International search

30 September 2004

Date of mailing of the International search report

11/10/2004

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## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/006279

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 045 062 A (SAMSUNG ELECTRONICS CO LTD) 18 October 2000 (2000-10-18) paragraphs '0006! - '0011! paragraphs '0024! - '0036! -----	1
A	US 2001/052265 A1 (FRENCH ALAN P ET AL) 20 December 2001 (2001-12-20) paragraphs '0013! - '0015! paragraphs '0027!, '0028!, '0033! -----	1

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